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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/538,767 Confirmation No.: 6858
Applicant: Megeney *et al.*
Filed: June 10, 2005
TC/AU.: 1623
Examiner: Unassigned

Docket No.: 12399.105001 OHRI US
Customer No.: 20786
Title: Modulation of Stem Cell Differentiation by Modulation of Caspase-3 Activity

Commissioner for Patents
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Alexandria, VA 22313-1450

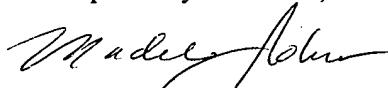
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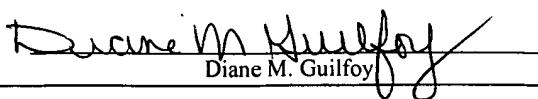


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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 6

Complete if Known

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Group Art Unit	1623
Examiner	Unassigned
Attorney Docket Number	12399.105001 OHR US

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U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pgs, Clmns, Lns, Where Relevant Passages/Relevant Figs Appear
		Number	Kind Code (if known)			
	AA	3,687,808	A	Merigan, Jr., <i>et al</i>	08-12-1972	
	AB	4,987,071	A	Cech <i>et al.</i>	01-22-1991	
	AC	5,512,438	A	Ecker	04-30-1996	
	AD	5,580,589	A	Stoves <i>et al.</i>	12-03-1996	
	AE	5,641,670	A	Treco <i>et al.</i>	06-24-1997	
	AF	5,728,581	A	Schwartz <i>et al.</i>	03-17-1998	
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	AJ	WO	03/093487	A1	Victor Chang Card. Res. Inst.	11-13-2003		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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	AK	ALAM, A., <i>et al.</i> , "Early activation of caspases during T lymphocyte stimulation results in selective substrate cleavage in nonapoptotic cells," <i>J. Exp. Med.</i> , 190(12):1879-1890 (December 20, 1999).	
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	BD	CHENG, T.-C., <i>et al.</i> , "Separable regulatory elements governing myogenin transcription in mouse embryogenesis," <i>Science</i> , 261(5118):215-218 (July 9, 1993).			
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	BG	COTE, R.J., <i>et al.</i> , "Generation of human monoclonal antibodies reactive with cellular antigens," <i>Proc. Natl. Acad. Sci. USA</i> , 80(7):2026-2030 (April 1983).			
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	BK	DEVEREUX, J., <i>et al.</i> , "A comprehensive set of sequence analysis programs for the VAX," <i>Nucleic Acids Res.</i> , 12(1 Pt 1):387-395 (January 11, 1984).			
	BL	DOUAY, L., "Experimental culture conditions are critical for ex vivo expansion of hematopoietic cells," <i>J. Hematother. Stem Cell Res.</i> , 10(3):341-346 (June 2001).			
	BM	ELBASHIR, S.M., <i>et al.</i> , "Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells," <i>Nature</i> , 411(6836):494-498 (May 24, 2001).			
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	CA	GALLO, R., et al., "Distinct effects of Rac1 on differentiation of primary avian myoblasts," <i>Mol. Biol. Cell</i> , 10(10):3137-3150 (October 1999).				
	CB	GARCIA-CALVO, M., et al., "Inhibition of human caspases by peptide-based and macromolecular inhibitors," <i>J. Biol. Chem.</i> , 273(49):32608-32613 (December 4, 1998).				
	CC	GOODELL, M.A., et al., "Isolation and functional properties of murine hematopoietic stem cells that are replicating in vivo," <i>J. Exp. Med.</i> , 183(4):1797-1806 (April 1, 1996).				
	CD	GRAVES, J.D., et al., "Caspase-mediated activation and induction of apoptosis by the mammalian Ste20-like kinase Mst1," <i>EMBO J.</i> , 17(8):2224-2234 (April 15, 1998).				
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	CJ	HITOSHI, S., et al., "Notch pathway molecules are essential for the maintenance, but not the generation, of mammalian neural stem cells," <i>Genes Dev.</i> , 16(7):846-858 (April 1, 2002).				
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	CM	JEFFRIES, A.C., and SYMONS, R.H., "A catalytic 13-mer ribozyme," <i>Nucleic Acids Res.</i> , 17(4):1371-1377 (February 25, 1989).				
	CN	JUO, P., et al., "Fas activation of the p38 mitogen-activated protein kinase signalling pathway requires ICE/CED-3 family proteases," <i>Mol. Cell. Biol.</i> , 17(1):24-35 (January 1997).				
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	DA	KIM, S.-H., and CECH, T.R., <i>et al.</i> , "Three-dimensional model of the active site of the self-splicing rRNA precursor of Tetrahymena," <i>Proc. Natl. Acad. Sci. USA</i> , 84(24):8788-8792 (December 1987).	
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	DM	MEGENEY, L.A., <i>et al.</i> , "MyoD is required for myogenic stem cell function in adult skeletal muscle," <i>Genes Dev.</i> , 10(10):1173-1183 (May 15, 1996).	
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	EA	MORRISON, S.L., <i>et al.</i> , "Chimeric human antibody molecules: mouse antigen-binding domains with human constant region domains," <i>Proc. Natl. Acad. Sci. USA</i> , 81(21):6851-6855 (November 1984).			T 6
	EB	MUKASA, T., <i>et al.</i> , "Activation of caspase-3 apoptotic pathways in skeletal muscle fibers in laminin alpha2-deficient mice," <i>Biochem. Biophys. Res. Commun.</i> , 260(1):139-142 (June 24, 1999).			
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	EH	SABOURIN, L.A., and RUDNICKI, M.A., "The molecular regulation of myogenesis," <i>Clin. Genet.</i> , 57(1):16-25 (January 2000).			
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	EJ	SEALE, P., <i>et al.</i> , "Pax7 is required for the specification of myogenic satellite cells," <i>Cell</i> , 102(6):777-786 (September 14, 2000).			
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Complete if Known

				Application Number	10/538,767
				Filing Date	June 10, 2005
				First Named Inventor	Megeney et al.
				Group Art Unit	1623
				Examiner Name	Unassigned
Sheet	6	of	6	Attorney Docket Number	12399.105001 OHR US

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 6
	FA	TEWARI, M., et al., "Yama/CPP32 beta, a mammalian homolog of CED-3, is a CrmA-inhibitable protease that cleaves the death substrate poly(ADP-ribose) polymerase," <i>Cell</i> , 81(5):801-809 (June 2, 1995).	
	FB	UTZ, P.J., and ANDERSON, P., et al., "Life and death decisions: regulation of apoptosis by proteolysis of signaling molecules," <i>Cell Death Differ.</i> , 7(7):589-602 (July 2000).	
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	FD	WINTER, G., and MILSTEIN, C., "Man-made antibodies," <i>Nature</i> , 349(6307):293-299 (January 24, 1991).	
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	FF	YAGAMI-HIROMASA, T., et al., "A metalloprotease-disintegrin participating in myoblast fusion," <i>Nature</i> , 377(6550):652-656 (October 19, 1995).	
	FG	YANG, S.-H., et al., "Targeting of p38 mitogen-activated protein kinases to MEF2 transcription factors," <i>Mol. Cell. Biol.</i> , 19(6):4028-4038 (June 1999).	
	FH	YAOITA, Y., and NAKAJIMA, K., "Induction of apoptosis and CPP32 expression by thyroid hormone in a myoblastic cell line derived from tadpole tail," <i>J. Biol. Chem.</i> , 272(8):5122-5127 (February 21, 1997).	
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